

ABSTRACT OF THE DISCLOSURE

The invention provides a battery including a power
generating element container, a positive electrode
mixture, and a hydrogen gas permeable sheet provided in
5 an opening of the power generating element container,
the hydrogen gas permeable sheet having a water
repellence of 2 kPa or more and a He gas permeability
at 30°C in a range of 2×10^{-6} to 10000×10^{-6} (cm³
(STP) cm/sec·cm²·cmHg), wherein a distance between the
10 positive electrode mixture and the hydrogen gas
permeable sheet gradually decreases toward a side wall
of the power generating element container.